

CLIPPEDIMAGE= JP355023951A
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TITLE: ALUMINUM CAN WITH INTERNAL PRESSURE

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INVENTOR-INFORMATION:

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ABSTRACT:

PURPOSE: To provide an aluminum can resistant to the crushing, deformation or damage in the packaging and transportation, by pressurizing the content with nitrogen gas.

CONSTITUTION: Boiled fish, meat, vegetable, etc. with or without seasoning, non- carbonated liquor such as "sake", or non-carbonated drink such as fruit juice, etc., is canned with a can made of thin-walled aluminum or an aluminum alloy. The can is pressurezed with nitrogen gas to give an internal pressure higher than the atmospheric pressure by $0.3 \sim 0.7$ atm, to attain the sufficient resistance to the sterilization and external forces applied during transportation and handling. The pressurized can is sealed and sterilized by heating.

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